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United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, Chief of Bureau.

SERVICE ANNOUNCEMENTS.

WASHINGTON, D. C., FEBRUARY 15, 1908.

[This publication is designed to disseminate information and instructions to persons in the service of the Bureau of Animal Industry. A supply will be sent to each official in charge of a station or branch of the service, who should promptly distribute copies to all members of his force. A file should be kept at each station for reference.]

CHANGES IN MEAT-INSPECTION DIRECTORY, ETC.

The following changes have been made since the issuance of the directory of January 9, 1908:

Inspection Inaugurated.

No. *4. O'Neal Packing Company, Second and Chestnut streets, Stillwater, Minn.; Dr. R. N. Mead, inspector in charge.

No. 5. A. H. Edwards, 112 Brunswick avenue, Trenton, N. J.; C. H. P. Snider, inspector in charge.

No. 8. A. Fiorentini, 141 Fulton street, Boston, Mass.; Dr. J. F. Ryder, inspector in charge.

No. 9. Chicago Butchers' Packing Company, 44–46 North Peoria street, Chicago, Ill.; Dr. S. E. Bennett, inspector in charge.

No. 47D. Philadelphia Abattoir Company, Thirtieth and Race streets, Philadelphia, Pa.; Dr. C. A. Schaufler, inspector in charge.

No. *223. Kentucky Packing Company, Floyd and H streets, Louisville, Ky.; Dr. G. W. Butler, inspector in charge.

No. 230. B. P. Chapman & Son, Smithfield, Va., W. F. Tuke, inspector in charge.

No. 231. J. V. Velozo, 55 Morton street, Fall River, Mass.; H. B. Herrick, inspector in charge.

No. *237. South Dakota Packing Company, Weber street, Sioux Falls, S. Dak.; Dr. A. M. Blackwell, inspector in charge.

No. 349A. M. Zimmermann Company, 37½ South Market street, Boston, Mass.; Dr. J. F. Ryder, inspector in charge.

* Conducts slaughtering.

Inspection Discontinued.

No. *82. S. Guggenheim & Son, 405–409 East Forty-fourth street, New York, N. Y.
No. *158. M. A. Goodson & Co., 515 Cumberland street, Morristown, Tenn.
No. 195. Morristown Vehicle and Grain Company, 220 East Main street, Morristown, Tenn.
No. 474. The What Cheer Beef Company, 350 Canal street, Providence, R. I.
No. 661. John Brown, 202 Grand street, Brooklyn, N. Y.

New Stations.

Sioux Falls, S. Dak., Dr. A. M. Blackwell, care South Dakota Packing Company, inspector in charge.
Stillwater, Minn., Dr. R. N. Mead, care O'Neal Packing Company, inspector in charge.

Changes in Firm Names.

No. 221. P. D. Gwaltney, jr., & Co., Smithfield, Va., instead of P. D. Gwaltney.
No. 311. N. Maggioli, 147 Fulton street, Boston, Mass., instead of Fiorentini & Maggioli.
No. 553. Mosby & Cardozo, 1001 North Seventeenth street, Richmond, Va., instead of Gordon Wallace.

Changes in Addresses of Inspectors in Charge.

W. F. Tuke, Smithfield, Va. (instead of care P. D. Gwaltney, jr., & Co.).
Dr. J. A. Kiernan, P. O. box 504, Raleigh, N. C.

Change in Inspector in Charge.

Fort Atkinson, Wis., Dr. W. M. Cummins, instead of Dr. R. N. Mead.

INSTRUCTIONS CONCERNING MEAT INSPECTION.

Report of Stocks of Meats.

Inspectors in charge of meat inspection are directed to forward to the Washington office as soon as possible after March 1, 1908, statements showing the kinds and amounts of meats and meat food products prepared prior to the establishment of inspection under the act of June 30, 1906, which remain in stock at each official establishment at the close of business February 28, 1908. The products should be classified as follows:

1. Those which have not received Federal inspection.
2. Those inspected under the act of March 3, 1891, but not inspected under Regulation 50.
3. Those inspected under Regulation 50 and so marked.

Canned meats and meat food products should appear as a single separate item under each of the above classifications; that is, instead of reporting the various kinds of canned products such as corned beef, potted ham, mutton broth, etc., all such products under each classification should be included in one amount, and reported simply as "canned products."

The report should include each official establishment, whether any such product remains in stock or not.

Tuberculosis of Hock Joints of Cattle without Generalized Affection.

There have recently been sent to the Pathological Division some sections cut from the hock joints of cattle, or from the adjacent tissues, and accompanied by the statement that no internal tuberculous lesion was visible in the carcass, or that only a few

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* Conducts slaughtering.

of the lymphatic glands of the thorax were involved. This unusual condition has aroused considerable interest in the probable route by which the infecting tubercle bacilli were enabled to reach these joints without setting up centers of infection along the way.

In attempting to reach a plausible explanation of this peculiar form of infection it is reasonable to assume, in view of the recent discovery of great numbers of tubercle bacilli in samples of bovine feces, that these tubercular infections of the hock may be caused by tuberculous feces coming in contact with the hind leg after it has suffered an abrasion which allows the tubercle bacilli to enter the system and secure a lodgment there.

It is very desirable that the swollen hock joints and adjacent tissues of beef animals, especially old cows, should be carefully examined in order that all cases similar to the above may be detected and recorded. It is also very important to make a careful examination of the lymph glands which drain these tissues, especially the popliteal and precrural glands, in order that the extent of the disease may be determined.

Chitterlings as Edible Product.

Inspectors in charge of meat inspection are informed that it is permissible to prepare chitterlings for food purposes provided the product is thoroughly cleaned and is sold as chitterlings; but it is not permissible to convert chitterlings into other edible products to be disposed of under another name.

Addition of Gelatin to Meat Food Products.

Inquiry having been made as to whether edible gelatin guaranteed under the Food and Drugs Act, but not prepared under the inspection of this Bureau, may be used in the preparation of jellied tongue, inspectors are instructed that the addition of gelatin to meat food products is permissible only in case the gelatin has been prepared under the supervision of employees of this Bureau.

Export Certificates.

Inspectors in charge of meat inspection are notified that in future it will be necessary that all export certificates issued for meat products show the weight of the product, and give sufficient description, so that the products can be properly classified under Schedule B, Classification of Commodities, issued by the Department of Commerce and Labor June 26, 1907. A copy of this schedule of classifications has been forwarded to each meat-inspection station. If the space allowed in the certificate for the description of the product is not sufficient the information may be shown on the left-hand margin.

Supply of Meat-Inspection Stamps.

The attention of inspectors in charge is directed to the instructions in August Service Announcements relative to maintaining a two months' supply of meat-inspection stamps. It is important that this rule be followed, and it is observed that at present some inspectors are not doing so.

SHIPMENTS OF SOUTHERN CATTLE TO PENNSYLVANIA.

The proper authorities of the State of Pennsylvania have granted permission to the Punxsutawney Beef and Provision Company, Punxsutawney, Pa., and to Schaffner Brothers Company, Erie, Pa., to receive shipments of southern cattle for immediate slaughter. As these firms do not slaughter under Federal inspection, and in order that the State authorities may have full knowledge of their receipts of southern cattle, inspectors in charge are directed to notify promptly Dr. Louis A.

Klein, deputy State veterinarian, Harrisburg, Pa., of all shipments of southern cattle consigned to the above-mentioned companies.

PREPARATION OF PAY ROLLS AND VOUCHERS.

In order to avoid delay in the auditing and settlement of pay rolls, vouchers, reimbursement accounts, etc., inspectors in charge and other persons rendering such accounts are requested to see that more care is exercised in their preparation.

Pay Rolls.

Names.—All names should be given exactly as they appear in the commissions. If the name in the commission is incorrect a memorandum calling attention to it should be attached to the roll.

Date of appointment or authorization to present position.—The date shown at the top of the last appointment should be entered under this head, and not the date it is effective. If service is performed during the month under two appointments the dates of both should be shown. In many cases the date of a letter of authorization transferring an employee from one station to another has been entered. This is incorrect. The "authorization" referred to is the one which authorizes the employment of temporary laborers, etc., under the civil-service rules.

Rate of pay.—The entry under this head should read exactly as stated in the commission—$1,000 per annum, $50 per month, or $3 per diem, as the case may be.

Period of service.—This should read from the first to the last day of each month. The "number of days" service should be the number of days in the month for which the roll is rendered, unless the employee has been absent without pay, in which case the days in the month less the number of days absent without pay should be reported. The dates of absence without pay should be entered under the head of "Remarks."

Deductions.—No entries should be made in this column, which is for use of the Office of Accounts.

Amount paid.—The amount due should be entered in this column.

February rolls.—Pay rolls for the present month of February should state the time as follows:

When service is performed for the entire month the period of service should read "February 1 to February 29, 29 days."

A new appointment to take effect February 10 should read "February 10 to February 29, 20 days." The compensation, however, should be for twenty-one days. See Regulation 71 of the Fiscal Regulations.

An employee with a salary of $1,000 per annum, absent one day without pay, should be credited as working twenty-eight days, and one-thirtieth of the monthly installment deducted. In this case the employee would be entitled to twenty-nine days' pay, or $80.56.

An employee whose service is terminated with February 15 should receive salary for fifteen-thirtieths of the monthly installment.

Reimbursement Accounts.

Regulation 7 enumerates the expenses a traveler is entitled to incur when traveling upon departmental business. No other expense should be incurred unless previously authorized. All authorizations must be construed literally. Regulation 14 describes the manner in which travel accounts should be prepared. On page 39 will be found a sample voucher which shows how the various items should be stated. On page 40 is a sample subvoucher for meals and lodging, on page 41 a sample subvoucher for livery hire, and on page 45 a sample subvoucher for supplies purchased for use in range work. The signatures to the receipts on all subvouchers must show the name of

the person, firm, or corporation rendering the service, and the name and title of the person receipting the same, if the signer is not the individual or a member of the firm.

Station Expenses.

The attention of inspectors in charge and others who are authorized to incur station expenses is called to Regulations 16 and 17. An authorization which simply reads "Station expenses" does not authorize any of the items enumerated in Regulation 17, which items must be specifically authorized.

Only one account should be rendered each month, which should include all items of expense incurred by the employee rendering the account. Station expense items should be separated from expense for travel.

Subvouchers and abstracts should be attached inside of the voucher.

Coupons detached from transportation requests should be sent to the Office of Accounts, Bureau of Animal Industry.

Form A vouchers.—Vouchers to cover rent should be prepared in accordance with sample shown on pages 48 and 49 of the Fiscal Regulations.

CONVICTION OF EMPLOYEE FOR PRESENTING FALSE ACCOUNT.

John C. Leeper, formerly agent in scabies eradication, was recently convicted in the United States circuit court of having violated the provisions of section 5348, Revised Statutes, by the presentation of a false claim. Leeper's offense consisted in including in his expense account items for which he had not made payment.

PUBLICATIONS IN JANUARY.

[Publications intended for employees are sent in bulk to inspectors in charge at the different stations, and no mailing list of individual employees is kept. Owing to the limited editions and the large number of Bureau employees, as a rule only sufficient copies are sent to supply the veterinarians. Inspectors in charge will therefore see that the veterinary inspectors are first supplied, and if more copies are received than are necessary for this purpose the excess may be distributed to others. Requests from employees for publications will be complied with as far as practicable. Regulations will be supplied to inspectors in charge as freely as may be required for official use.]

Report of the Chief of the Bureau of Animal Industry for the fiscal year ending June 30, 1907. Pp. 69.

Bulletin 101. The Available Energy of Red Clover Hay. Investigations with the Respiration Calorimeter in Cooperation with the Pennsylvania State College Agricultural Experiment Station. By Henry Prentiss Armsby and J. August Fries. Pp. 61, diagrams 4.

Bulletin 102. Further Experiments Concerning the Production of Immunity from Hog Cholera. By M. Dorset, C. N. McBryde, and W. B. Niles, of the Biochemic Division. Pp. 96.

Circular 120. Some Observations on Rabies. By E. C. Schroeder, Superintendent of the Experiment Station. Pp. 16. (Reprint from the Twenty-third Annual Report of the Bureau of Animal Industry.)

Meat-Inspection Directory, by Numbers and Stations, with Address List of Inspectors and Others. Revised to January 9, 1908.

Publications of Interest to Dairymen. Pp. 7.

INDEX TO SERVICE ANNOUNCEMENTS.

An index to Service Announcements for 1907 is being prepared and will soon be sent to inspectors in charge. Individual employees who are keeping sets of this publication and who desire the index will be supplied with copies on request.

SERVICE CHANGES IN JANUARY.

Appointed.

Boyd, Benjamin W., veterinary inspector, Chicago, Ill.
Butcher, James C., veterinary inspector, Chicago, Ill.
Byron, Anton E., veterinary inspector, Chicago, Ill.
Campbell, H. C., expert in milk hygiene, Glenolden, Pa.
Champlain, Lloyd, veterinary inspector, Chicago, Ill.
Cundy, George B., meat inspector, Fall River, Mass.
Davis, R. Nelson, messenger boy, Washington, D. C.
Dillahunt, Peter A., veterinary inspector, Chicago, Ill.
Dougherty, Alvin, agent in scabies eradication, Kansas City, Kans. (field).
Faun, George C., veterinary inspector, Chicago, Ill.
Fawcett, J. Fred, veterinary inspector, Chicago, Ill.
Gscheidle, William L., unskilled laborer (emergency), Washington, D. C.
Handley, George A., veterinary inspector, Chicago, Ill.
Hall, Madison F., clerk, South Omaha, Nebr. (meat inspection).
Harper, Benjamin F., agent in scabies eradication, Kansas City, Kans. (field).
Hastings, Milo M., scientific assistant in animal husbandry, Washington, D. C.
Henderson, Edwin C., carpenter (temporary), Washington, D. C.
Henley, Robert R., laboratory assistant, Washington, D. C.
Hernan, John F., tagger, New York, N. Y.
Holland, C. C., field assistant, Washington, D. C. (transferred from War Department).
Jahnke, John, meat inspector, Providence, R. I.
Jones, David, meat inspector, Port Huron, Mich.
Jones, Louis L., veterinary inspector, Chicago, Ill.
McBreen, Philip L., veterinary inspector, Chicago, Ill.
McClure, Thomas H., meat inspector, Baltimore, Md.
McLeod, John C., veterinary inspector, Chicago, Ill.
Mackenzie, George A., veterinary inspector, Chicago, Ill.
Munger, Grant B., clerk-typewriter, Kansas City, Kans. (field).
Murphy, Richard F., tagger, Jersey City, N. J.
Nannery, William A., veterinary inspector, Chicago, Ill.
Payne, Nathan B., meat inspector, Jersey City, N. J.
Pearl, Raymond, expert in poultry breeding, Orono, Me.
Purdy, Roy A., veterinary inspector, Chicago, Ill.
Quinlan, Perry D., meat inspector, Newark, N. J.
Salinger, Arthur, veterinary inspector, Chicago, Ill.
Schneider, Frank C., unskilled laborer, Bethesda, Md.
Shaw, James D., clerk-typewriter (temporary), Portland, Oreg.
Simcoke, Joseph O., veterinary inspector, Chicago, Ill.
Springer, Samuel M., veterinary inspector, Chicago, Ill.
Stewart, Charles M., clerk (stenographer and typewriter), Nashville, Tenn. (field).
Stiffler, James F., meat inspector, Richmond, Va.
Thompson, William, meat inspector, Newark, N. J.
Welch, R. R., agent in dairying, Agriculture College, Miss.
Williams, Carl D., veterinary inspector, Chicago, Ill.

Reinstated.

Eikerenkotter, Ernest A., meat inspector, San Francisco, Cal.
Kelleher, Daniel J., meat inspector, Wheeling, W. Va.
Porter, Lee E., tagger, Austin, Minn.

Promoted.

Atherton, Ira K., veterinary inspector, Peoria, Ill.
Bagby, Lorin, patrol tagger, South St. Joseph, Mo.
Brown, Arthur O., clerk (stenographer and typewriter), Chicago, Ill. (dairy).
Cross, Charles H., clerk, Washington, D. C.
Elliott, Mrs. Ella F., charwoman, Chicago, Ill.
Hall, Maurice C., scientific assistant in veterinary zoology, Washington, D. C.
Harris, Albert E., clerk, Washington, D. C.
Haughton, Miss Nellie F., clerk, Washington, D. C.
Hollidge, Alfred H., carpenter, Washington, D. C.
King, James L., clerk, Washington, D. C.
Lewallen, W. M., agent in tick eradication, Auburn, Ala.
McAdam, Robert, dairy inspector, Rome, N. Y.
Miller, Chester, veterinary inspector, Des Moines, Iowa.
Niles, W. B., veterinary inspector, Ames, Iowa.
O'Rourke, Arthur J., stock examiner, Reno, Nev.
Repp, George E., veterinary inspector, Dayton, Ohio.
Richardson, William T., clerk, Washington, D. C.
Ritman, William H., patrol tagger, Austin, Minn.
Webster, Ed. H., chief of Dairy Division, Washington, D. C.
Wilmeth, John F., clerk-typewriter, Washington, D. C.

Transferred Within the Bureau Service.

Angell, Artie B., veterinary inspector, Chicago, Ill., to Philadelphia, Pa.
Atherton, O. G., veterinary inspector, Bloomington, Ill., to Chicago, Ill.
Barnhart, Emmett P., veterinary inspector, Kansas City, Kans. (meat inspection), to Wichita, Kans.
Bender, John E., veterinary inspector, Toledo, Ohio, to Pittsburg, Pa.
Blackwell, A. M., veterinary inspector, Bismarck, N. Dak., to Sioux Falls, N. Dak., in charge.
Brennan, Thomas A., meat inspector, Port Huron, Mich., to Richmond, Ind.
Buffington, Ralph M., veterinary inspector, Kansas City, Kans. (meat inspection), to Buffalo, N. Y.
Burley, Arthur J., veterinary inspector, Chicago, Ill., to Buffalo, N. Y.
Carter, Earl H., veterinary inspector, Chicago, Ill., to Detroit, Mich.
Cory, Robert M., veterinary inspector, Kansas City, Kans. (meat inspection), to Richmond, Va.
Cummins, W. M., veterinary inspector, Chicago, Ill., to Fort Atkinson, Wis., in charge.
Dowd, Edward P., veterinary inspector, Worcester, Mass., to New York, N. Y.
Dowd, Eugene A., veterinary inspector, Chicago, Ill., to Sioux City, Iowa.
Eagle, Alexander F., veterinary inspector, New York, N. Y., to South Omaha, Nebr. (meat inspection).
Eastman, Charles, veterinary inspector, Los Angeles, Cal. (field), to San Francisco Cal.
English, Andrew, veterinary inspector, Chicago, Ill., to Sioux City, Iowa.
Everly, Ora W., veterinary inspector, Whitesburg, Tenn., to Wheeling, W. Va.
Gall, August, meat inspector, Newark, N. J., to New York, N. Y.
Garrett, George M., veterinary inspector, Chicago, Ill., to Philadelphia, Pa.
Hawkins, Robert B., tagger, Jersey City, N. J., to Chicago, Ill.
Hecker, Frank, veterinary inspector, Chicago, Ill., to New York, N. Y.
Henderson, Frank, meat inspector, Chicago, Ill., to Springfield, Ohio.
Herrold, William C., veterinary inspector, Sioux City, Iowa, to Toledo, Ohio.

Hills, John V., veterinary inspector, Knoxville, Tenn., to Wheeling, W. Va.
Hope, Fred S., veterinary inspector, Chicago, Ill., to Philadelphia, Pa.
Littlejohn, Howard I., clerk-typewriter, South Omaha, Nebr., to Washington, D. C., as laboratory assistant.
Lonnon, Charles, tagger, Indianapolis, Ind., to Louisville, Ky.
Luks, Alfred E., veterinary inspector, Paris, Ill., in charge, to Pottsville, Pa., in charge.
McKelvey, Robert M., meat inspector, Knoxville, Tenn., to Cincinnati, Ohio.
Markert, George, stock examiner, Albuquerque, N. Mex., to South Omaha, Nebr. (yard inspection).
Murray, Louis C., meat inspector, Chicago, Ill., to South St. Joseph, Mo.
O'Brien, John A., meat inspector, Cincinnati, Ohio, to Louisville, Ky.
Owen, Frank D., veterinary inspector, Richmond, Va., to New York, N. Y.
Partlan, Thomas S., veterinary inspector, South Omaha, Nebr., to New York, N. Y.
Perry, Milton T., veterinary inspector, Boston, Mass., to Worcester, Mass., in charge.
Price, John O. F., veterinary inspector, Greeneville, Tenn., to Indianapolis, Ind.
Reed, Ernest L., meat inspector, Wheeling, W. Va., to Washington, D. C.
Schofield, Major, veterinary inspector, Los Angeles, Cal. (field), to San Francisco, Cal.
Smith, Walter E., tagger, Oklahoma City, Okla., to Louisville, Ky.
Songer, Lee C., veterinary inspector, Denver, Colo. (field), to Kansas City, Kans. (meat inspection).
Talbot, Seth P., veterinary inspector, Denver, Colo. (field), to South Omaha, Nebr. (meat inspection).
Tuke, W. F., meat inspector, Richmond, Va., to Smithfield, Va., in charge.
Walter, Harry K., veterinary inspector, Pottsville, Pa., to Richmond, Va., in charge.

Resigned.

Abraham, Jacob, meat inspector, Louisville, Ky.
Butts, Henry, tagger, South Omaha, Nebr. (yard inspection).
Dewey, Edith W., laborer, Chicago, Ill.
Doody, William E., meat inspector, Chicago, Ill.
Douglass, A. H., collaborator, Columbia, Mo.
Hodges, David R., clerk, Denver, Colo. (field).
Huebschman, John, veterinary inspector (temporary), Wheeling, W. Va.
Johnson, Frank T., clerk-typewriter (temporary), Portland, Oreg.
Lindsay, Edmund A., meat inspector, Washington, D. C.
Mayer, Nelson J., agent in scabies eradication, Bismarck, N. Dak.
Norris, Walter P., clerk (stenographer and typewriter), Nashville, Tenn. (field).
Sullivan, Martin M., meat inspector, Newark, N. J.
Thompson, Lee W., meat inspector, Brooklyn, N. Y.
Wagner, Harvey, clerk (stenographer and typewriter), Washington, D. C.
Yard, William W., veterinary inspector (temporary), Denver, Colo. (meat inspection).

Terminated.

Bernath, Robert I., veterinary inspector, Chicago, Ill. (appointment revoked).
Block, D. Eugene, veterinary inspector (temporary), New York, N. Y.
Cady, W. L., carpenter (temporary), Middlebury, Vt.
Collom, William B., veterinary inspector (temporary), Philadelphia, Pa.
Dumas, Gilbert, painter (temporary), Middlebury, Vt.
Ferley, John T., veterinary inspector (temporary), Philadelphia, Pa.
Fitzgerald, John N., clerk, Chicago, Ill. (died).
Jarvis, Charles, painter (temporary), Middlebury, Vt.

Lavonche, E., carpenter (temporary), Middlebury, Vt.
Lavonche, George, carpenter (temporary), Middlebury, Vt.
Lavonche, Isaac, jr., carpenter (temporary), Middlebury, Vt.
Leahy, Timothy J., meat inspector, South Omaha, Nebr.
McCollum, Peter L., veterinary inspector (temporary), Buffalo, N. Y.
McLeod, Edward J., veterinary inspector (temporary), Buffalo, N. Y.
McPhillips, William, veterinary inspector (temporary), San Francisco, Cal.
Settle, David E., veterinary inspector (temporary), San Francisco, Cal.
Shultz, Ethel M., clerk (emergency), San Francisco, Cal.
Silfver, Oscar, veterinary inspector (temporary), Peoria, Ill.
Stoddard, Omar, meat inspector, Detroit, Mich. (died).
Taber, A. C., painter (temporary), Middlebury, Vt.
Taplin, Albert J. S., watchman (temporary), Washington, D. C.

Removed.

Brown, Richard H., meat inspector, Chicago, Ill.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: A. D. Melvin.
Assistant Chief: A. M. Farrington.
Chief Clerk: E. B. Jones.
Biochemic Division: M. Dorset, chief; James A. Emery, assistant chief.
Dairy Division: Ed. H. Webster, chief; C. B. Lane, assistant chief.
Inspection Division: Rice P. Steddom, chief; Morris Wooden, R. A. Ramsay, and Albert E. Behnke, associate chiefs.
Pathological Division: John R. Mohler, chief; Henry J. Washburn, assistant chief.
Quarantine Division: Richard W. Hickman, chief.
Zoological Division: B. H. Ransom, chief.
Experiment Station: E. C. Schroeder, superintendent: W. E. Cotton, assistant.
Animal Husbandman: George M. Rommel.
Editor: James M. Pickens.
Librarian: Beatrice Oberly Rogers.
Office of Accounts: James L. Chase in charge.
Appointment Section: Irving W. Pew in charge.

DAIRY DIVISION OFFICES AND LABORATORIES OUTSIDE OF WASHINGTON.

New York office.—No. 6 Harrison street, C. W. Fryhofer in charge.
Chicago office.—No. 22 Fifth avenue, room 510, M. W. Lang in charge.
Soft cheese laboratories: Storrs, Conn., in cooperation with Storrs (Conn.) Experiment Station, Charles Thom in charge.
Cheddar cheese laboratories: Madison, Wis., in cooperation with Wisconsin Experiment Station, Director of Station in charge.
Milk secretion laboratories: Columbia, Mo., in cooperation with Missouri Experiment Station, R. H. Shaw in charge.
Swiss cheese laboratories: Albert Lea, Minn., in cooperation with Minnesota Experiment Station, C. F. Doane in charge.
Butter investigations laboratory: Albert Lea, Minn., in cooperation with Minnesota Experiment Station, J. L. Sherk in charge.

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